

# PATENT ABSTRACTS OF JAPAN

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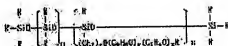
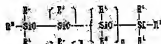
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## (54) WATER-IN-OIL TYPE EMULSIFIED COMPOSITION

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To obtain the subject composition, comprising an aqueous phase and an oily phase containing a specific polymeric silicone and capable of manifesting temperature stability and protecting the skin from kitchen work, good in extensibility and having a refreshing feeling by using a specific organic modified clay mineral as an emulsifying agent.

**SOLUTION:** This water-in-oil type emulsified composition is obtained by using an organic-modified clay mineral formed from a water-swellaible clay mineral, a quaternary ammonium salt type cationic surfactant and a polyoxyalkylene-modified organopolysiloxane as an emulsifying agent and adding the organic-modified clay mineral to an aqueous phase and an oily phase containing an amino-modified or an ammonium-modified polymeric silicone of formula I {R1 is methyl or partially phenyl; R2 and R3 are each methyl or OH; R3 is R4Z [R4 is an alkylene; Z is NR52, etc., (R5 is H or an alkyl)]; (m) and (n) are each a positive integer and [(m)+(n)] is 3000-20000; (n)/(m) is (1/500-1/1000)}. A compound of formula II [R is an alkyl, etc.; R' is H or an alkyl; (p) is 1-5; (m) is 5-100; (n) and (x) are each 1-50; (y) is 0-50], etc., are preferred as the polyoxyalkylene-modified organopolysiloxane.



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